

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/CH 03/00561

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A23L3/3418 A23L3/3445 B65D81/20 B65D77/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A23L B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, FSTA, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 03 043447 A (LANDEC CORP ;CLARKE RAYMOND (US)) 30 May 2003 (2003-05-30) page 3, line 7,8 page 4, line 30-32 page 6, line 14-28 page 13, line 23 -page 14, line 13 ---	1,10
P,X	WO 03 008295 A (TRES FRESH LLC ;COLOMBO EDWARD A (US)) 30 January 2003 (2003-01-30) page 3, line 9-13; figure 1 page 6, line 11-29; figure 2C --- -/--	11

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *8* document member of the same patent family

Date of the actual completion of the international search

15 December 2003

Date of mailing of the international search report

29/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Couzy, F

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CH 03/00561

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE WPI Derwent Publications Ltd., London, GB; AN 2001-512542 XP002264598 BARBE EHM: "Container for packing food is suitable for heating in microwawe oven and can be used for live shellfish in conjunction with vegetables and/or herbs and one or more sauces" & NL 1 013 691 C (BEHEERMAATSCHAPPIJ BARBE BV), 2001 abstract</p>	1-3,10
X	<p>US 6 013 293 A (DE MOOR COLETTE PAMELA) 11 January 2000 (2000-01-11) column 2, line 45-68; figure 2</p>	11,21
X	<p>WO 96 08424 A (TRIGON IND LTD ;MEAT RESEARCH CORP (AU); MATTHEWS ANDREW ERNEST (N) 21 March 1996 (1996-03-21) figures 5-7 example 4E page 7, line 9-16</p>	11
X	<p>US 2001/008677 A1 (GONG SANNAI) 19 July 2001 (2001-07-19) figure 4 page 1, paragraphs 9,21,35,44</p>	11,12
X	<p>US 6 221 411 B1 (SANFILIPPO JOHN E ET AL) 24 April 2001 (2001-04-24) figures 2,3 column 2, line 3-29 column 4, line 1-21 column 3, line 35-38</p>	11,21
A		1-10
X	<p>WO 94 27868 A (GORLICH MICHAEL P ;MCPHERSON ROBERT F (US); WORLD CLASS PACKAGING) 8 December 1994 (1994-12-08) page 8, line 4-9 page 9, line 10-20 figures 1,2 page 10, line 6 -page 11, line 9 page 11, line 11-23 page 3, line 17-19</p>	11,12
A		1-10
X	<p>US 6 023 915 A (COLOMBO EDWARD A) 15 February 2000 (2000-02-15) figures 2-5 column 3, line 36-45 column 4, line 29-59</p>	11,21

-/--

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CH 03/00561

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 89310 A (STEFFEN HANSPETER) 29 November 2001 (2001-11-29) cited in the application page 3-4 -----	1-21

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CH 03/00561

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

CH03/00561

The International Searching Authority has determined that this international application contains multiple (groups of) inventions, namely

1. Claims 1-10

method of prolonging keeping quality by means of elevated concentration of oxygen.

2. Claims 11-21

packaging equipped with a flat-film structured device to provide for gas permeation.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CH 03/00561

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03043447	A	30-05-2003	US 2002127305 A1 WO 03043447 A1	12-09-2002 30-05-2003
WO 03008295	A	30-01-2003	US 6520323 B1 WO 03008295 A1	18-02-2003 30-01-2003
NL 1013691	C	30-05-2001	NL 1013691 C2	30-05-2001
US 6013293	A	11-01-2000	WO 9912825 A1	18-03-1999
WO 9608424	A	21-03-1996	NZ 264453 A AU 686453 B2 AU 3487295 A BR 9508945 A CA 2199744 A1 CN 1162947 A , B DE 69507958 D1 DE 69507958 T2 DK 781242 T3 EP 0781242 A1 HU 77039 A2 JP 10505565 T JP 3346574 B2 WO 9608424 A1 PL 319124 A1 US 6447826 B1	26-06-1998 05-02-1998 29-03-1996 06-01-1998 21-03-1996 22-10-1997 01-04-1999 28-10-1999 03-01-2000 02-07-1997 02-03-1998 02-06-1998 18-11-2002 21-03-1996 21-07-1997 10-09-2002
US 2001008677	A1	19-07-2001	CA 2367751 A1 WO 0054962 A1	21-09-2000 21-09-2000
US 6221411	B1	24-04-2001	NONE	
WO 9427868	A	08-12-1994	US 5348752 A US 5419096 A US 5419097 A US 5439132 A AT 188660 T AT 247028 T AU 688329 B2 AU 6952094 A CA 2163230 A1 CA 2261199 A1 DE 69422620 D1 DE 69422620 T2 DE 69433041 D1 EP 0699157 A1 EP 0899209 A2 EP 0949147 A1 JP 8510708 T JP 2001294278 A NZ 267278 A WO 9427868 A2 US 5334405 A US 5447736 A US 5916614 A US 5901848 A US 5529178 A US 5509252 A	20-09-1994 30-05-1995 30-05-1995 08-08-1995 15-01-2000 15-08-2003 12-03-1998 20-12-1994 08-12-1994 08-12-1994 17-02-2000 31-05-2000 18-09-2003 06-03-1996 03-03-1999 13-10-1999 12-11-1996 23-10-2001 24-11-1997 08-12-1994 02-08-1994 05-09-1995 29-06-1999 11-05-1999 25-06-1996 23-04-1996

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CH 03/00561

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9427868	A		US 6305149 B1	23-10-2001
			US 5479759 A	02-01-1996
			US 5689937 A	25-11-1997
US 6023915	A	15-02-2000	EP 1171365 A1	16-01-2002
			EP 1177140 A1	06-02-2002
			WO 0026113 A1	11-05-2000
			WO 0026114 A1	11-05-2000
			US 6112890 A	05-09-2000
			US 6230883 B1	15-05-2001
			US 6213294 B1	10-04-2001
			US 6269945 B1	07-08-2001
			US 6269946 B1	07-08-2001
			US 6520323 B1	18-02-2003
WO 0189310	A	29-11-2001	AU 5670100 A	03-12-2001
			WO 0189310 A1	29-11-2001